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Claims 1-63 remain in this application.

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1 **35 U.S.C. §102**

2 Claims 1-3, 16, 23, 33, 35-37, 49, 55-57, 61 are rejected under 35 U.S.C.  
3 §102(e) as being anticipated by U.S. Published Application 2004/0004912 to  
4 Morishima (Morishima). Applicant respectfully traverses the rejection.

5 Morishima describes an objective lens held by a focus actuator and a  
6 tracking actuator so that the objective lens can move in the direction of the optical  
7 axis of a laser beam and the direction of the radius of an optical disk. The focus  
8 actuator and the tracking actuator move the objective lens in the direction of the  
9 optical axis and the direction of the radius in response to a focus error signal and a  
10 tracking error signal. If the laser beam is irradiated on a recording face of the  
11 optical disk, the servo circuit generates the focus error signal and the tracking error  
12 signal based on a received light signal supplied through a light-receiving element  
13 and the RF amplifier, so that the objective lens is moved, thereby performing  
14 focus control and tracking control or feedback control. (Paragraph 46 of  
15 Morishima).

16 When a visible image is formed on the optical disk, unlike when recording  
17 is performed on the recording face, it is unnecessary to trace irradiation positions  
18 along the preformed groove (guide groove) or the like. Therefore, in the  
19 embodiment, the target value for tracking control is fixed. In other words when  
20 forming an image on the disk, there is a constant offset voltage set for the tracking  
21 actuator. (Paragraph 49 of Morishima).

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1       **Independent claim 1** for example, recites “[a] processor-readable medium  
2 comprising processor-executable instructions for focusing optics, the processor-  
3 executable instructions comprising instructions for:

4               generating a data profile, wherein the data profile is configured to  
5 provide signals for operation of an actuator, wherein the signals result in  
6 focus of the optics on a label region of an optical disc; and

7               printing an image on the label region of the optical disc while  
8 focusing the optics by applying signals to the actuator according to the data  
9 profile.

10       The Action argues that “Morishima discloses a processor-readable medium  
11 comprising processor-executable instructions for focusing optics (paragraph  
12 [0063]), the processor-executable instructions comprising instructions for  
13 generating a data profile (e.g., contents of the focus control), wherein the data  
14 profile is configured to provide signals for operation of an actuator, wherein the  
15 signals result in focus of the optics on a label region of an optical disc (paragraph  
16 [0072], and printing an image on the label region of the optical disc while focusing  
17 the optics by applying signals to the actuator according to the data profile  
18 (paragraphs [0078]-[0079])”.

19       The Action particularly argues that “focus control” described in Morishima  
20 is the same as “data profile” as recited in claim 1. The focus control described in  
21 Morishima is directed to the movement of the focus actuator taught in Morishima.  
22 As discussed above, Morishima teaches that there are separate and distinct focus  
23 control and tracking control. Focus control directed to movement of the objective  
24 lens the direction of the optical axis of the laser beam, and tracking control  
25 directed in the direction of the radius of an optical disk.

1 Data profile as particularly described in paragraph 21 of the application,  
2 includes associating a variety of locations on a disc. Therefore, the “focus  
3 control” as taught in Morishima is not “data profile” as argued by the Action,  
4 since “focus control” in Morishima does not include location information.

5 Morishima does not show or teach each and every element of claim 1.  
6 Accordingly, Applicant respectfully requests that the §102 rejection of claim 1 be  
7 withdrawn.

8 **Dependent claims 2, 3 and 16** depend on claim 1, and are allowable at the  
9 least by virtue of their dependency on base claim 1. Applicant respectfully  
10 requests that the §102 rejection of claims 2, 3 and 16 be withdrawn.

11 **Independent claim 23** recites “generating a data look-up table, wherein the  
12 data look-up table provides signal levels for operation of an actuator which result  
13 in focus of the optics on a plurality of locations within a label region of an optical  
14 disc”.

15 The Action argues that RAM described in Morishima at paragraph 76  
16 teaches a “data lookup table”; however, there is no mention of a “data lookup  
17 table” in paragraph 76 or anywhere in Morishima. The Action makes the  
18 assumption that the RAM taught in Morishima can include a “data lookup table”,  
19 which is not correct. Paragraph 76 particularly states that “inner focus control is  
20 in RAM” and describes Fig. 15 that shows a dot-dash line represented of focus  
21 control that is associated with a clock pulse. In other words, the focus control  
22 information is derived from the clock pulse. This is different than a “data lookup  
23 table”. Furthermore, as discussed above, “focus control” described in Morishima  
24 does not include multiple locations of a disk. A “data lookup table” is directed to  
25 multiple locations (See paragraph 66 and Fig. 6B of the application).

1 Morishima does not show or teach each and every element of claim 23.  
2 Accordingly, Applicant respectfully requests that the §102 rejection of claim 23 be  
3 withdrawn.

4 **Dependent claims 33** depends on claim 23, and is allowable at the least by  
5 virtue of its dependency on base claim 23. Applicant respectfully requests that the  
6 §102 rejection of claim 33 be withdrawn.

7 **Independent claim 35** recites “logic configured for generating a data  
8 profile, wherein the profile is configured to provide signals for operation of an  
9 actuator, wherein the signals result in focus of the optics on a label region of an  
10 optical disc”.

11 The Action rejects claim 35 based on similar reasons as claim 1. Applicant  
12 asserts the arguments in support of claim 1, in support of claim 35. Morishima  
13 does not show or teach each and every element of claim 35. Accordingly,  
14 Applicant respectfully requests that the §102 rejection of claim 35 be withdrawn.

15 **Dependent claims 36, 37 and 49** depend on claim 35, and are allowable at  
16 the least by virtue of their dependency on base claim 35. Applicant respectfully  
17 requests that the §102 rejection of claims 36, 37 and 49 be withdrawn.

18 **Independent claim 55** recites “means for generating a data profile,  
19 wherein the data profile is configured to provide signals for operation of an  
20 actuator, wherein the signals result in focus of the optics on a label region of an  
21 optical disc”.

22 The Action rejects claim 55 based on similar reasons as claim 1. Applicant  
23 asserts the arguments in support of claim 1, in support of claim 55. Morishima  
24 does not show or teach each and every element of claim 55. Accordingly,  
25 Applicant respectfully requests that the §102 rejection of claim 55 be withdrawn.

1        **Dependent claims 56, 57 and 61** depend on claim 55, and are allowable at  
2 the least by virtue of their dependency on base claim 55. Applicant respectfully  
3 requests that the §102 rejection of claims 56, 57 and 61 be withdrawn.  
4

5        **35 U.S.C. §103**

6        Claims 6, 8-9, 24, 26, 28, 40-41, 43, 58 are rejected under 35 U.S.C.  
7 §103(a) as being unpatentable over Morishima in view of U.S. Patent No.  
8 6,829,203 to Yonezawa et al (Yonezawa). Applicant respectfully traverses the  
9 rejection.

10       **Dependent claims 6, 8 and 9** depend from claim 1 and therefore include  
11 the element “generating a data profile, wherein the data profile is configured to  
12 provide signals for operation of an actuator, wherein the signals result in focus of  
13 the optics on a label region of an optical disc”. The Action argues that Morishima  
14 teaches this element; however, as discussed above in support of claim 1,  
15 Morishima fails to teach the use of “a data profile”. In particular, the Action  
16 argues that “focus control” taught in Morishima is the same as “data profile”  
17 which as presented by the Applicant is not correct, since data profile is directed to  
18 multiple locations on a disk and focus control is not.

19       The Action relies on Yonezawa for teaching applying an AC signal to an  
20 actuator in rejecting claims 6, 8 and 9; however, Morishima does not teach the  
21 elements of claim 1, from which claims 6, 8 and 9 depend. Therefore, Yonezawa  
22 provides no assistance in light of Morishima as to claims 6, 8 and 9. Since  
23 Morishima does not teach the elements discussed above, the teaching of  
24 Yonezawa do not help. Accordingly, a combination of Morishima and Yonezawa  
25

1 is improper. Applicant respectfully requests that the §103 rejection of claims 6, 8  
2 and 9 be withdrawn.

3 **Dependent claims 24, 26 and 28** depend from claim 23 and therefore  
4 include the element “generating a data look-up table, wherein the data look-up  
5 table provides signal levels for operation of an actuator which result in focus of the  
6 optics on a plurality of locations within a label region of an optical disc”. The  
7 Action argues that Morishima teaches this element; however, as discussed above  
8 in support of claim 23, Morishima fails to teach the use of a “data lookup table”.  
9 In particular, the Action argues that “RAM” taught in Morishima includes a “data  
10 lookup table” which as presented by the Applicant is not taught or suggested by  
11 Morishima.

12 The Action relies on Yonezawa for teaching applying an AC signal to an  
13 actuator in rejecting claims 24, 26 and 28; however, Morishima does not teach the  
14 elements of claim 23, from which claims 24, 26 and 28 depend. Therefore,  
15 Yonezawa provides no assistance in light of Morishima as to claims 24, 26 and 28.  
16 Since Morishima does not teach the elements discussed above, the teaching of  
17 Yonezawa do not help. Accordingly, a combination of Morishima and Yonezawa  
18 is improper. Applicant respectfully requests that the §103 rejection of claims 24,  
19 26 and 28 be withdrawn.

20 **Dependent claims 40, 41 and 43** depend from claim 35 and therefore  
21 include the element “logic configured for generating a data profile, wherein the  
22 profile is configured to provide signals for operation of an actuator, wherein the  
23 signals result in focus of the optics on a label region of an optical disc”. The  
24 Action argues that Morishima teaches this element; however, as discussed above  
25 in support of claim 35, Morishima fails to teach the use of “a data profile”. In

1 particular, the Action argues that “focus control” taught in Morishima is the same  
2 as “data profile” which as presented by the Applicant is not correct, since data  
3 profile is directed to multiple locations on a disk and focus control is not.

4 The Action relies on Yonezawa for teaching applying an AC signal to an  
5 actuator in rejecting claims 40, 41 and 43; however, Morishima does not teach the  
6 elements of claim 35, from which claims 40, 41 and 43 depend. Therefore,  
7 Yonezawa provides no assistance in light of Morishima as to claims 40, 41 and 43.  
8 Since Morishima does not teach the elements discussed above, the teaching of  
9 Yonezawa do not help. Accordingly, a combination of Morishima and Yonezawa  
10 is improper. Applicant respectfully requests that the §103 rejection of claims 40,  
11 41 and 43 be withdrawn.

12 **Dependent claim 58** depends from claim 55 and therefore includes the  
13 element “means for generating a data profile, wherein the data profile is  
14 configured to provide signals for operation of an actuator, wherein the signals  
15 result in focus of the optics on a label region of an optical disc”. The Action  
16 argues that Morishima teaches this element; however, as discussed above in  
17 support of claim 55, Morishima fails to teach the use of “a data profile”. In  
18 particular, the Action argues that “focus control” taught in Morishima is the same  
19 as “data profile” which as presented by the Applicant is not correct, since data  
20 profile is directed to multiple locations on a disk and focus control is not.

21 The Action relies on Yonezawa for teaching applying an AC signal to an  
22 actuator in rejecting claim 58; however, Morishima does not teach the elements of  
23 claim 55, from which claim 58 depends. Therefore, Yonezawa provides no  
24 assistance in light of Morishima as to claim 58. Since Morishima does not teach  
25 the elements discussed above, the teaching of Yonezawa do not help.

1 Accordingly, a combination of Morishima and Yonezawa is improper. Applicant  
2 respectfully requests that the §103 rejection of claim 58 be withdrawn.

3  
4 Claims 4-7, 10, 24-25, 38-40, 42, 58 rejected under 35 U.S.C. §103(a) as  
5 being unpatentable over Morishima in view of U.S. Patent No. 6,813,226 to  
6 Kadlec et al (Kadlec).

7 **Dependent claims 4-7 and 10** depend from claim 1 and therefore include  
8 the element “generating a data profile, wherein the data profile is configured to  
9 provide signals for operation of an actuator, wherein the signals result in focus of  
10 the optics on a label region of an optical disc”. The Action argues that Morishima  
11 teaches this element; however, as discussed above in support of claim 1,  
12 Morishima fails to teach the use of “a data profile”. In particular, the Action  
13 argues that “focus control” taught in Morishima is the same as “data profile”  
14 which as presented by the Applicant is not correct, since data profile is directed to  
15 multiple locations on a disk and focus control is not.

16 The Action relies on Kadlec for teaching “a calibration process of a focus  
17 sum threshold in a focus servo system by driving an optical pick-up unit through a  
18 focus position”; however, Morishima does not teach the elements of claim 1, from  
19 which claims 4-7 and 10 depend. Therefore, Kadlec provides no assistance in  
20 light of Morishima as to claims 4-7 and 10. Since Morishima does not teach the  
21 elements discussed above, the teaching of Kadlec do not help. Accordingly, a  
22 combination of Morishima and Kadlec is improper. Applicant respectfully  
23 requests that the §103 rejection of claims 4-7 and 10 be withdrawn.

24 **Dependent claims 24 and 25** depend from claim 23 and therefore include  
25 the element “generating a data look-up table, wherein the data look-up table

1 provides signal levels for operation of an actuator which result in focus of the  
2 optics on a plurality of locations within a label region of an optical disc”. The  
3 Action argues that Morishima teaches this element; however, as discussed above  
4 in support of claim 23, Morishima fails to teach the use of a “data lookup table”.  
5 In particular, the Action argues that “RAM” taught in Morishima includes a “data  
6 lookup table” which as presented by the Applicant is not taught or suggested by  
7 Morishima.

8 The Action relies on Kadlec for teaching “a calibration process of a focus  
9 sum threshold in a focus servo system by driving an optical pick-up unit through a  
10 focus position”; however, Morishima does not teach the elements of claim 35,  
11 from which claims 24 and 25 depend. Therefore, Kadlec provides no assistance in  
12 light of Morishima as to claims 24 and 25. Since Morishima does not teach the  
13 elements discussed above, the teaching of Kadlec do not help. Accordingly, a  
14 combination of Morishima and Kadlec is improper. Applicant respectfully  
15 requests that the §103 rejection of claims 24 and 25 be withdrawn.

16 **Dependent claims 38-40 and 42** depend from claim 35 and therefore  
17 include the element “logic configured for generating a data profile, wherein the  
18 profile is configured to provide signals for operation of an actuator, wherein the  
19 signals result in focus of the optics on a label region of an optical disc”. The  
20 Action argues that Morishima teaches this element; however, as discussed above  
21 in support of claim 35, Morishima fails to teach the use of “a data profile”. In  
22 particular, the Action argues that “focus control” taught in Morishima is the same  
23 as “data profile” which as presented by the Applicant is not correct, since data  
24 profile is directed to multiple locations on a disk and focus control is not.  
25

1       The Action relies on Kadlec for teaching “a calibration process of a focus  
2 sum threshold in a focus servo system by driving an optical pick-up unit through a  
3 focus position”; however, Morishima does not teach the elements of claim 35,  
4 from which claims 38-40 and 42 5 depend. Therefore, Kadlec provides no  
5 assistance in light of Morishima as to claims 38-40 and 42. Since Morishima does  
6 not teach the elements discussed above, the teaching of Kadlec do not help.  
7 Accordingly, a combination of Morishima and Kadlec is improper. Applicant  
8 respectfully requests that the §103 rejection of claims 38-40 and 42 be withdrawn.

9       **Dependent claim 58** depends from claim 55 and therefore includes the  
10 element “means for generating a data profile, wherein the data profile is  
11 configured to provide signals for operation of an actuator, wherein the signals  
12 result in focus of the optics on a label region of an optical disc”. The Action  
13 argues that Morishima teaches this element; however, as discussed above in  
14 support of claim 55, Morishima fails to teach the use of “a data profile”. In  
15 particular, the Action argues that “focus control” taught in Morishima is the same  
16 as “data profile” which as presented by the Applicant is not correct, since data  
17 profile is directed to multiple locations on a disk and focus control is not.

18       The Action relies on Kadlec for teaching “a calibration process of a focus  
19 sum threshold in a focus servo system by driving an optical pick-up unit through a  
20 focus position”; however, Morishima does not teach the elements of claim 55,  
21 from which claim 58 depends. Therefore, Kadlec provides no assistance in light  
22 of Morishima as to claim 58. Since Morishima does not teach the elements  
23 discussed above, the teaching of Kadlec do not help. Accordingly, a combination  
24 of Morishima and Kadlec is improper. Applicant respectfully requests that the  
25 §103 rejection of claims 58 be withdrawn.

1 Claims 17-20, 50-52, 62, 63 are rejected under 35 U.S.C. §103(a) as being  
2 unpatentable over Morishima in view of U.S. Patent No. 6,266,305 to Buchler  
3 (Buchler).

4 **Dependent claims 17-20** depend from claim 1 and therefore include the  
5 element “generating a data profile, wherein the data profile is configured to  
6 provide signals for operation of an actuator, wherein the signals result in focus of  
7 the optics on a label region of an optical disc”. The Action argues that Morishima  
8 teaches this element; however, as discussed above in support of claim 1,  
9 Morishima fails to teach the use of “a data profile”. In particular, the Action  
10 argues that “focus control” taught in Morishima is the same as “data profile”  
11 which as presented by the Applicant is not correct, since data profile is directed to  
12 multiple locations on a disk and focus control is not.

13 The Action relies on Buchler for teaching “a control device for  
14 compensating an error in the tracking and focusing of a laser beam onto optical  
15 recording media based on the sum signal obtained from a four-quadrant detector,  
16 wherein the control process uses an interpolation approach to obtain the desired  
17 value by linear or non-linear interpolation of a small number of measured values”;  
18 however, Morishima does not teach the elements of claim 1, from which claims  
19 17-20 depend. Therefore, Buchler provides no assistance in light of Morishima as  
20 to claims 17-20. Since Morishima does not teach the elements discussed above,  
21 the teaching of Buchler do not help. Accordingly, a combination of Morishima  
22 and Buchler is improper. Applicant respectfully requests that the §103 rejection of  
23 claims 17-20 be withdrawn.

24 **Dependent claims 50-52** depend from claim 35 and therefore include the  
25 element “logic configured for generating a data profile, wherein the profile is

1 configured to provide signals for operation of an actuator, wherein the signals  
2 result in focus of the optics on a label region of an optical disc". The Action  
3 argues that Morishima teaches this element; however, as discussed above in  
4 support of claim 35, Morishima fails to teach the use of "a data profile". In  
5 particular, the Action argues that "focus control" taught in Morishima is the same  
6 as "data profile" which as presented by the Applicant is not correct, since data  
7 profile is directed to multiple locations on a disk and focus control is not.

8 The Action relies on Buchler for teaching "a control device for  
9 compensating an error in the tracking and focusing of a laser beam onto optical  
10 recording media based on the sum signal obtained from a four-quadrant detector,  
11 wherein the control process uses an interpolation approach to obtain the desired  
12 value by linear or non-linear interpolation of a small number of measured values";  
13 however, Morishima does not teach the elements of claim 35, from which claims  
14 50-52 depend. Therefore, Buchler provides no assistance in light of Morishima as  
15 to claims 50-52. Since Morishima does not teach the elements discussed above,  
16 the teaching of Buchler do not help. Accordingly, a combination of Morishima  
17 and Buchler is improper. Applicant respectfully requests that the §103 rejection of  
18 claims 50-52 be withdrawn.

19 **Dependent claims 62 and 63** depend from claim 55 and therefore include  
20 the element "means for generating a data profile, wherein the data profile is  
21 configured to provide signals for operation of an actuator, wherein the signals  
22 result in focus of the optics on a label region of an optical disc". The Action  
23 argues that Morishima teaches this element; however, as discussed above in  
24 support of claim 55, Morishima fails to teach the use of "a data profile". In  
25 particular, the Action argues that "focus control" taught in Morishima is the same

1 as “data profile” which as presented by the Applicant is not correct, since data  
2 profile is directed to multiple locations on a disk and focus control is not.

3 The Action relies on Buchler for teaching “a control device for  
4 compensating an error in the tracking and focusing of a laser beam onto optical  
5 recording media based on the sum signal obtained from a four-quadrant detector,  
6 wherein the control process uses an interpolation approach to obtain the desired  
7 value by linear or non-linear interpolation of a small number of measured values”;  
8 however, Morishima does not teach the elements of claim 55, from which claims  
9 62 and 63 depend. Therefore, Buchler provides no assistance in light of  
10 Morishima as to claims 62 and 63. Since Morishima does not teach the elements  
11 discussed above, the teaching of Buchler do not help. Accordingly, a combination  
12 of Morishima and Buchler is improper. Applicant respectfully requests that the  
13 §103 rejection of claims 62 and 63 be withdrawn.

14  
15 Claims 21, 34, 53 are rejected under 35 U.S.C. §103(a) as being  
16 unpatentable over Morishima in view of U.S. Patent No. 4,182,563 to Biber et al.  
17 (Biber).

18 **Dependent claim 21** depends from claim 1 and therefore includes the  
19 element “generating a data profile, wherein the data profile is configured to  
20 provide signals for operation of an actuator, wherein the signals result in focus of  
21 the optics on a label region of an optical disc”. The Action argues that Morishima  
22 teaches this element; however, as discussed above in support of claim 1,  
23 Morishima fails to teach the use of “a data profile”. In particular, the Action  
24 argues that “focus control” taught in Morishima is the same as “data profile”  
25

1 which as presented by the Applicant is not correct, since data profile is directed to  
2 multiple locations on a disk and focus control is not.

3 The Action relies on Biber for teaching “a focus control system in which  
4 the axial position of the lens is approximated by a piecewise function as  
5 represented by the curve that fits within the limits of the focusing ranges of the  
6 lens”; however, Morishima does not teach the elements of claim 1, from which  
7 claim 21 depends. Therefore, Biber provides no assistance in light of Morishima  
8 as to claim 21. Since Morishima does not teach the elements discussed above, the  
9 teaching of Biber do not help. Accordingly, a combination of Morishima and  
10 Biber is improper. Applicant respectfully requests that the §103 rejection of claim  
11 21 be withdrawn.

12 **Dependent claims 34** depends from claim 23 and therefore include the  
13 element “generating a data look-up table, wherein the data look-up table provides  
14 signal levels for operation of an actuator which result in focus of the optics on a  
15 plurality of locations within a label region of an optical disc”. The Action argues  
16 that Morishima teaches this element; however, as discussed above in support of  
17 claim 23, Morishima fails to teach the use of a “data lookup table”. In particular,  
18 the Action argues that “RAM” taught in Morishima includes a “data lookup table”  
19 which as presented by the Applicant is not taught or suggested by Morishima.

20 The Action relies on Biber for teaching “a focus control system in which  
21 the axial position of the lens is approximated by a piecewise function as  
22 represented by the curve that fits within the limits of the focusing ranges of the  
23 lens”; however, Morishima does not teach the elements of claim 23, from which  
24 claim 34 depends. Therefore, Buchler provides no assistance in light of  
25 Morishima as to claim 34. Since Morishima does not teach the elements discussed

1 above, the teaching of Biber do not help. Accordingly, a combination of  
2 Morishima and Biber is improper. Applicant respectfully requests that the §103  
3 rejection of claim 34 be withdrawn.

4 **Dependent claim 53** depends from claim 35 and therefore includes the  
5 element “logic configured for generating a data profile, wherein the profile is  
6 configured to provide signals for operation of an actuator, wherein the signals  
7 result in focus of the optics on a label region of an optical disc”. The Action  
8 argues that Morishima teaches this element; however, as discussed above in  
9 support of claim 35, Morishima fails to teach the use of “a data profile”. In  
10 particular, the Action argues that “focus control” taught in Morishima is the same  
11 as “data profile” which as presented by the Applicant is not correct, since data  
12 profile is directed to multiple locations on a disk and focus control is not.

13 The Action relies on Biber for teaching “a focus control system in which  
14 the axial position of the lens is approximated by a piecewise function as  
15 represented by the curve that fits within the limits of the focusing ranges of the  
16 lens”; however, Morishima does not teach the elements of claim 35, from which  
17 claim 53 depends. Therefore, Buchler provides no assistance in light of  
18 Morishima as to claim 53. Since Morishima does not teach the elements discussed  
19 above, the teaching of Biber do not help. Accordingly, a combination of  
20 Morishima and Biber is improper. Applicant respectfully requests that the §103  
21 rejection of claim 53 be withdrawn.

1  
2 **Allowable Subject Matter**

3       Claims 11-15, 22, 27, 29-32, 44-48, 54, 59-60 are objected to as being  
4 dependent upon a rejected base claim, but would be allowable if rewritten in  
5 independent form including all of the limitations of the base claim and any  
6 intervening claims.

7       Claim 11 has been amended to include the elements of claim 1 from which  
8 it depends. Claims 12, 13 and 14 depend on claim 11.

9       Claim 15 has been amended to include the elements of claim 1 from which  
10 it depends.

11       Claim 22 has been amended to include the elements of claims 1 and 21  
12 from which it depends.

13       Claim 27 has been amended to include the elements of claim 23 from  
14 which it depends.

15       Claim 29 has been amended to include the elements of claim 23 from  
16 which it depends. Claims 30 and 31 depend on claim 29.

17       Claim 32 has been amended to include the elements of claim 23 from  
18 which it depends.

19       Claim 44 has been amended to include the elements of claim 35 from  
20 which it depends. Claims 45, 46 and 47 depend on claim 44.

21       Claim 48 has been amended to include the elements of claim 35 from  
22 which it depends.

23       Claim 54 has been amended to include the elements of claims 35 and 53  
24 from which it depends.  
25

1        Claim 59 has been amended to include the elements of claim 55 from  
2        which it depends.

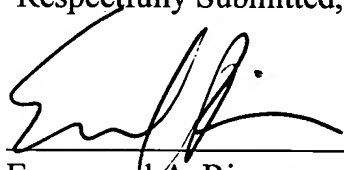
3        Claim 60 has been amended to include the elements of claim 55 from  
4        which it depends.

5        Applicant appreciate the allowance of claims 11-15, 22, 27, 29-32, 44-48,  
6        54, 59-60.

1 CONCLUSION

2 All pending claims 1-63 are in condition for allowance. Applicant  
3 respectfully requests reconsideration and prompt issuance of the subject  
4 application. If any issues remain that prevent issuance of this application, the  
5 Examiner is urged to contact the undersigned attorney before issuing a subsequent  
6 Action.

7  
8  
9 Dated: 10/10/05

Respectfully Submitted,  
10 By:   
11 Emmanuel A. Rivera  
12 Reg. No. 45,760  
13 (509) 324-9256  
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